

# Endless Energy Corporation



## **Presentation for New England Wind Power Workshop**

***Moving towards  
sustainability***

**Harley Lee, President  
October 25, 2001**

# Problem: Linear Processes

Except for population, nearly all environmental problems are caused by linear processes.

# Linear vs. Circular processes

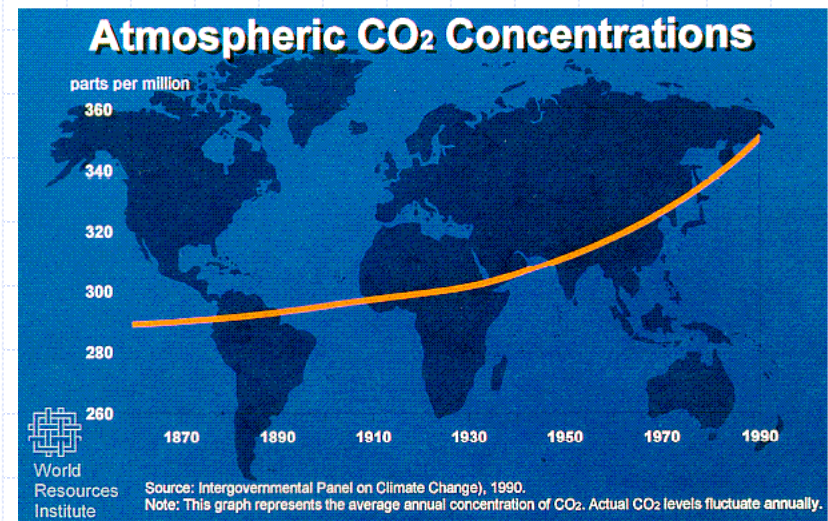
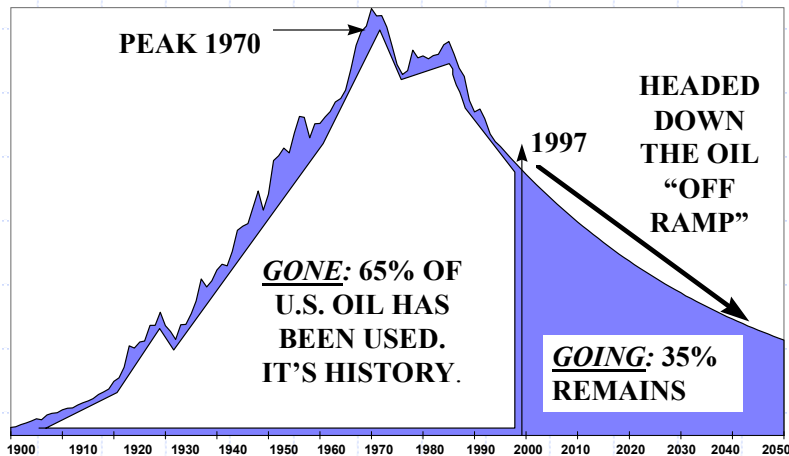
- ◆ Take a resource from earth
- ◆ Adapt, change, use it
- ◆ Throw away waste product
- ◆ BUT, there's no such thing as "away"

- ◆ Take a resource from earth
- ◆ Adapt, change, use it
- ◆ Every end product becomes a "resource"
- ◆ ZERO WASTE

# Linear process problems

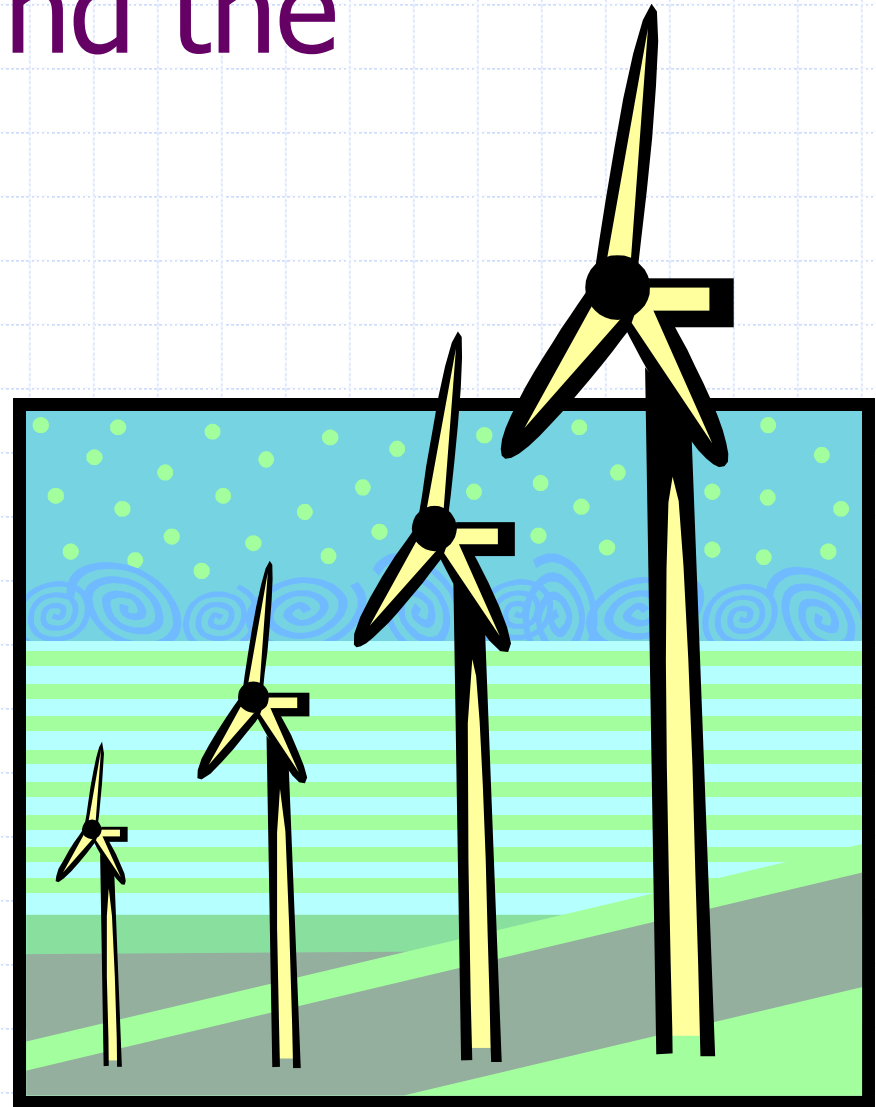
- ◆ Depletion of resources
- ◆ Pollution

U.S. OIL PRODUCTION 1900 TO 2050



# Wind Energy and the Environment

- ◆ Wind = 0 emissions
- ◆ Redington wind farm will prevent 200,000 to 600,000 pounds of pollution *a day*.
- ◆ Wind second only to CAFE in reducing emissions (SPO)



# Endless Energy Corporation



- First to win competitive bid 1989
- Permitted Sugarloaf wind farm 1993
- ◆ Wind measurements in four states
- ◆ RIREC contract: feasibility study
- ◆ DOE Contract: turbine installation along Maine coast; online Feb, 2001
- ◆ Currently developing two wind farms
  - Redington Mountain in Maine—30 MW
  - Equinox Mountain in Vermont—5 MW

# Endless Energy -

## Orland turbine



# Endless Energy: Redington Mt.





## The Redington Project

- ◆ Generating capacity: 45 wind turbines, 30 MW
- ◆ Projected annual output: 90,000 MWh
- ◆ Projected in-service date: November 2003

# Status at Redington Mountain

- ◆ Purchased the Site
- ◆ Measured the Wind: very good resource
- ◆ Environmental, Engineering Studies Complete
- ◆ Underway:
  - Interconnect Studies
  - Outreach
  - Permitting
  - Power Market Agreement / Financing
- ◆ Power Sales
  - ***Letter of Intent with Industrial Customer to buy \$2 million of power/yr. for 20 years***

# Redington from Crocker Mt.





# The Equinox Project

- ◆ Generating capacity: 7 turbines, 5 MW
- ◆ Projected annual output: 12,000 MWh
- ◆ Projected in-service date: October, 2002?

# Status at Equinox

- ◆ Leased the Site
- ◆ Preliminary wind measurement
- ◆ Underway:
  - Environmental studies
  - Interconnect studies
  - Outreach
  - Permitting
  - Project financing
- ◆ Power Sales
  - ***Negotiating long-term contract***
  -

# Smoking? or Non?

